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10-19-1998

ATTN: DOCKET NO: M-5662 US

HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

10-13-98

100852557

To the Honorable Commissioner of Patents and Trademarks. Please return the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

1) Lawrence Pileggi; 2) Majid Sarrafzadeh; 3) Sharad Malik;  
4) Abhijeet Chakroborty; 5) Archie Li; 6) Robert Eugene Shortt;  
7) Christopher Dunn; 8) David Gluss; 9) Dennis Yamamoto;  
10) Dinesh Gaitonde; 11) Douglas B. Boyle; 12) Emre Tuncer;  
13) Eric McCaughrin; 14) Feroze Peshotan Taraporevala;  
15) Gary K. Yeap; 16) James S. Koford; 17) Joseph T.  
Rahmeh; 18) Lilly Shieh; 19) Salil R. Raje; 20) Sam Jung Kim;  
21) Satyamurthy Pulela; 22) Yau-Tsun Steven Li; 23) Tong  
Gao

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Monterey Design Systems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 894 Ross Drive, Suite 203City Sunnyvale State CA ZIP 94089-1443Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment ☐ Merge☐ Security Agreement ☐ Change of Name☐ Other \_\_\_\_\_

Execution Dates: 1) 08/31/98; 2) 09/21/98; 3) 09/16/98;

4) 08/31/98; 5) 09/01/98; 6) 08/31/98; 7) 09/01/98; 8) 09/01/98;

9) 08/31/98; 10) 09/01/98; 11) 08/31/98; 12) 08/31/98;

13) 08/31/98; 14) 08/31/98; 15) 08/31/98; 16) 09/16/98;

17) 09/04/98; 18) 08/31/98; 19) 09/01/98; 20) 09/01/98;

21) 09/01/98; 22) 09/25/98; 23) 09/01/98

09,997,299

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No. (09/097,299)Title: Method For Design Optimization Using Logical And  
Physical Information

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Edward C. KwokInternal Address: SKJERVEN, MORRILL, MacPHERSON,  
FRANKLIN & FRIEL LLPStreet Address: 25 METRO DRIVE, SUITE 700City SAN JOSE State CA ZIP 951106. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41): .....\$40.00

☒ Authorized to be charged to Deposit Account 19-2386☒ Charge Deposit Account 19-2386 for any additional fees  
required for this conveyance and credit deposit account  
19-2386 any amounts overpaid

DO NOT USE THIS SPACE

## 8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy  
of the original document.

Edward C. Kwok 33,938

Name of Person Signing

Signature

Date

10/7/98

Total number of pages comprising cover sheet: 14



17-5662 US

**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 04, 1999

PTAS  
SKJERVEN, MORRILL, MACPHERSON ET AL.  
EDWARD C. KWOK  
25 METRO DRIVE, SUITE 700  
SAN JOSE, CA 95110



\*100852557A\*

FEB 23 1999

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/13/1998

REEL/FRAME: 9506/0816

NUMBER OF PAGES: 13

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PILEGGI, LAWRENCE

DOC DATE: 08/31/1998

ASSIGNOR:

SARRAFZADEH, MAJID

DOC DATE: 09/21/1998

ASSIGNOR:

MALIK, SHARAD

DOC DATE: 09/16/1998

ASSIGNOR:

CHAKROBORTY, ABHIJEET

DOC DATE: 08/31/1998

ASSIGNOR:

LI, ARCHIE

DOC DATE: 09/01/1998

ASSIGNOR:

SHORTT, ROBERT EUGENE

DOC DATE: 08/31/1998

ASSIGNOR:

DUNN, CHRISTOPHER

DOC DATE: 09/01/1998

*Ken ad. 1/99  
on 8/2/98*

*LEN  
JAMES CH  
for filing or  
for trademark  
1/1/99*

*6/13/99  
1/10/02  
2/1/02  
6/10/02*

ASSIGNOR: GLUSS, DAVID	DOC DATE: 09/01/1998
ASSIGNOR: YAMAMOTO, DENNIS	DOC DATE: 08/31/1998
ASSIGNOR: GAITONDE, DINESH	DOC DATE: 09/01/1998
ASSIGNOR: BOYLE, DOUGLAS B.	DOC DATE: 08/31/1998
ASSIGNOR: TUNCER, EMRE	DOC DATE: 08/31/1998
ASSIGNOR: MCCAUGHRIN, ERIC	DOC DATE: 08/31/1998
ASSIGNOR: TARAPOREVALA, FEROZE PESHOTAN	DOC DATE: 08/31/1998
ASSIGNOR: YEAP, GARY K.	DOC DATE: 08/31/1998
ASSIGNOR: KOFORD, JAMES S.	DOC DATE: 09/16/1998
ASSIGNOR: RAHMEH, JOSEPH T.	DOC DATE: 09/04/1998
ASSIGNOR: SHIEH, LILLY	DOC DATE: 08/31/1998
ASSIGNOR: RAJE, SALIL R.	DOC DATE: 09/01/1998
ASSIGNOR: KIM, SAM JUNG	DOC DATE: 09/01/1998
ASSIGNOR: PULLELA, SATYAMURTHY	DOC DATE: 09/01/1998
ASSIGNOR: LI, YAU-TSUN STEVEN	DOC DATE: 09/25/1998
ASSIGNOR: GAO, TONG	DOC DATE: 09/01/1998
ASSIGNEE: MONTEREY DESIGN SYSTEMS, INC. 894 ROSS DRIVE, SUITE 203 SUNNYVALE, CALIFORNIA 94089-1443	

9506/0816 PAGE 3

SERIAL NUMBER: 09097299  
PATENT NUMBER:

FILING DATE: 06/12/1998  
ISSUE DATE:

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 31 day of August, 1998.

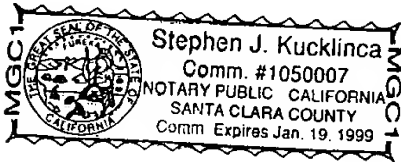
Lawrence Pileggi

Lawrence Pileggi

State of CALIFORNIA

County of SANTA CLARA ss.

On 31 AUGUST 1998 before me, STEPHEN J. KUCKLINCA personally appeared LAURENCE PILEGGI personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 21 day of October ~~September~~, 1998.

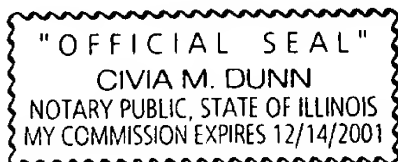
Majid Sarrafzadeh

Majid Sarrafzadeh

State of Illinois

County of Cook ss.

On 9-21-98 before me, Majid Sarrafzadeh personally appeared and is personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

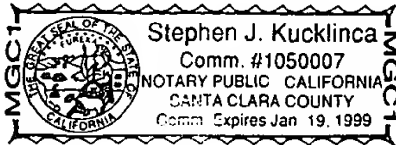
Civia M. Dunn  
SIGNATURE OF NOTARY

Executed this <sup>16<sup>th</sup></sup> 16<sup>th</sup> day of September, 1998

Sharad Malik  
Sharad Malik

State of CALIFORNIA  
County of SANTA CLARA ) ss.

On 16 SEPTEMBER 98 before me, STEPHEN KUCKLINCA, personally appeared SHARAD MALIK, personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose~~ whose name ~~is~~ subscribed to the within instrument and acknowledged to me that he ~~executed~~ executed the same in his ~~personal~~ authorized capacity ~~and~~, and that by his ~~signature~~ signature on the instrument the person ~~or~~, or the entity upon behalf of which the person ~~acted~~ acted, executed the instrument.



WITNESS my hand and official seal.

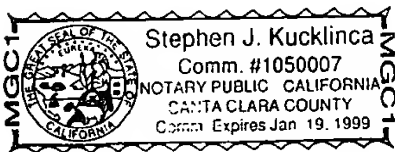
Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 31 day of AUGUST, 1998

Abhijeet Chakraborty  
Abhijeet Chakraborty

State of CALIFORNIA  
County of SANTA CLARA ) ss.

On 31 AUGUST 1998 before me, STEPHEN J. KUCKLINCA, personally appeared ABHIJEET CHAKRABORTY, personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose~~ whose name ~~is~~ subscribed to the within instrument and acknowledged to me that he ~~executed~~ executed the same in his ~~personal~~ authorized capacity ~~and~~, and that by his ~~signature~~ signature on the instrument the person ~~or~~, or the entity upon behalf of which the person ~~acted~~ acted, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

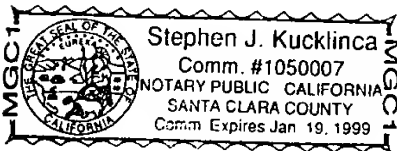
Executed this 1 day of September, 1998

Archie Li  
Archie Li

State of CALIFORNIA

County of SANTA CLARA ss.

On 1 SEPTEMBER 1998 before me, STEPHEN J KUCKLINCA personally appeared ARCHIE LI personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose name is~~ subscribed to the within instrument and acknowledged to me that he ~~personally~~ executed the same in his ~~own~~ authorized capacity ~~and~~ that by his ~~signature~~ signature on the instrument the person ~~or~~ or the entity upon behalf of which the person ~~acted~~ acted, executed the instrument.



WITNESS my hand and official seal.

Stephen J Kucklinca  
SIGNATURE OF NOTARY

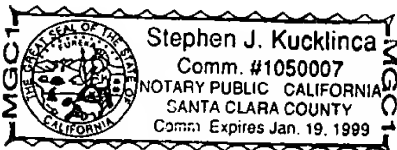
Executed this 31 day of August, 1998

Robert Eugene Shortt  
Robert Eugene Shortt

State of CALIFORNIA

County of SANTA CLARA ss.

On 31 AUGUST 1998 before me, STEPHEN J KUCKLINCA personally appeared ROBERT E. SHORTT personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose name is~~ subscribed to the within instrument and acknowledged to me that he ~~personally~~ executed the same in his ~~own~~ authorized capacity ~~and~~ that by his ~~signature~~ signature on the instrument the person ~~or~~ or the entity upon behalf of which the person ~~acted~~ acted, executed the instrument.



WITNESS my hand and official seal.

Stephen J Kucklinca  
SIGNATURE OF NOTARY



Executed this 1<sup>st</sup> day of September, 1998.

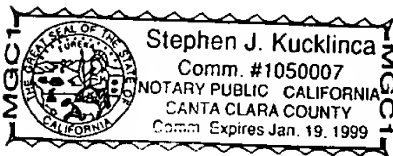
Christopher Dunn

Christopher Dunn

State of CALIFORNIA

County of SANTA CLARA ss.

On 1 SEPTEMBER 1998 before me, STEPHEN J. KUCKLINCA, personally appeared CHRISTOPHER DUNN personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~who~~ whose name ~~is~~ subscribed to the within instrument and acknowledged to me that he ~~personally~~ executed the same in his ~~own~~ authorized capacity ~~and~~, and that by his ~~signature~~ signature on the instrument the person ~~or~~ or the entity upon behalf of which the person ~~acted~~ acted, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 1<sup>st</sup> day of September, 1998.

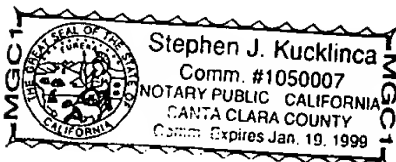
David Gluss

David Gluss

State of CALIFORNIA

County of SANTA CLARA ss.

On 1 SEPTEMBER 1998 before me, STEPHEN J. KUCKLINCA, personally appeared DAVID GLUSS personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~who~~ whose name ~~is~~ subscribed to the within instrument and acknowledged to me that he ~~personally~~ executed the same in his ~~own~~ authorized capacity ~~and~~, and that by his ~~signature~~ signature on the instrument the person ~~or~~ or the entity upon behalf of which the person ~~acted~~ acted, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 31 day of Aug, 1998

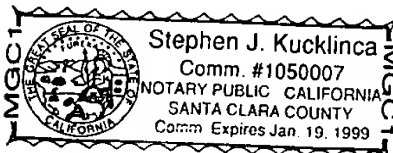
Dennis Yamamoto  
Dennis Yamamoto

State of CALIFORNIA

County of SANTA CLARA

SS.

On 31 AUGUST 1998 before me, STEPHEN J. KUCKLINCA personally appeared DENNIS YAMAMOTO personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose name is~~ subscribed to the within instrument and acknowledged to me that he ~~has~~ executed the same in his ~~own~~ authorized capacity ~~and~~ that by his ~~signature~~ on the instrument the person ~~or~~, or the entity upon behalf of which the person ~~acted~~, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 1<sup>st</sup> day of September, 1998.

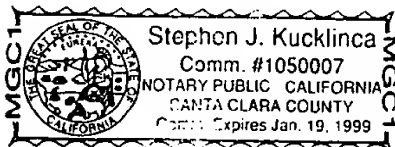
D.D. Gaitonde  
Dinesh Gaitonde

State of CALIFORNIA

County of SANTA CLARA

SS.

On 1 SEPTEMBER 1998 before me, STEPHEN J. KUCKLINCA personally appeared DINESH D. GAITONDE personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose name is~~ subscribed to the within instrument and acknowledged to me that he ~~has~~ executed the same in his ~~own~~ authorized capacity ~~and~~ that by his ~~signature~~ on the instrument the person ~~or~~, or the entity upon behalf of which the person ~~acted~~, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 31 day of August, 1998.

Douglas B. Boyle

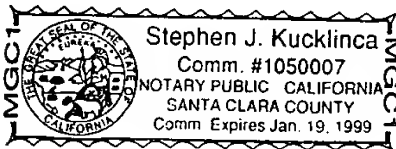
Douglas B. Boyle

State of CALIFORNIA

County of SANTA CLARA

SS.

On 31 AUGUST 1998 before me, STEPHEN J. KUCKLINCA personally appeared DOUGLAS B. BOYLE personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose name is~~ subscribed to the within instrument and acknowledged to me that he ~~personally~~ executed the same in his ~~proper~~ authorized capacity ~~and~~ that by his ~~signature~~ on the instrument the person ~~or~~ the entity upon behalf of which the person ~~acted~~, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 31 day of AUGUST, 1998.

Emre Tuncer

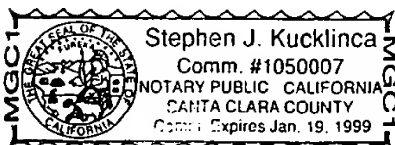
Emre Tuncer

State of CALIFORNIA

County of SANTA CLARA

SS.

On 31 AUGUST 1998 before me, STEPHEN J. KUCKLINCA personally appeared EMRE TUNCER personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose name is~~ subscribed to the within instrument and acknowledged to me that he ~~personally~~ executed the same in his ~~proper~~ authorized capacity ~~and~~ that by his ~~signature~~ on the instrument the person ~~or~~ the entity upon behalf of which the person ~~acted~~, executed the instrument.



WITNESS my hand and official seal.

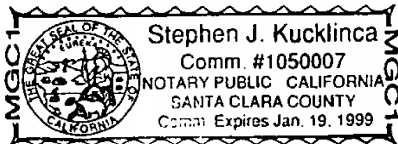
Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 31<sup>st</sup> day of August, 1998.

Eric McCaughrin  
Eric McCaughrin

State of CALIFORNIA)  
County of SANTA CLARA) ss.

On 31 AUGUST 1998 before me, STEPHEN J. KUCKLINCA personally appeared ERIC MC CAUGHRIN personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose name~~ is ~~the~~ subscribed to the within instrument and acknowledged to me that he ~~has~~ executed the same in his ~~proper~~ authorized capacity ~~and~~, and that by his ~~signature~~ on the instrument the person ~~or~~ the entity upon behalf of which the person ~~acted~~, executed the instrument.



WITNESS my hand and official seal.

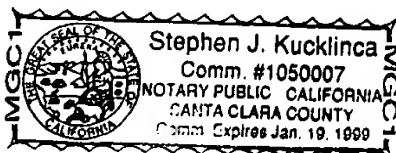
Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 31<sup>st</sup> day of August, 1998.

F. P. Jangoreva  
Feroze Peshotan Taraporevala

State of CALIFORNIA)  
County of SANTA CLARA) ss.

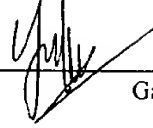
On 31 AUGUST 1998 before me, STEPHEN J. KUCKLINCA personally appeared FEROZE F. TARAPOREVALA personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose name~~ is ~~the~~ subscribed to the within instrument and acknowledged to me that he ~~has~~ executed the same in his ~~proper~~ authorized capacity ~~and~~, and that by his ~~signature~~ on the instrument the person ~~or~~ the entity upon behalf of which the person ~~acted~~, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 31 day of August, 1998.



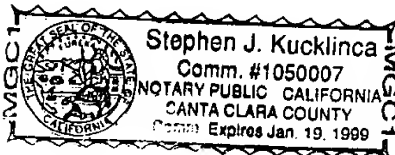
Gary K. Yeap

State of CALIFORNIA

County of SANTA CLARA ss.

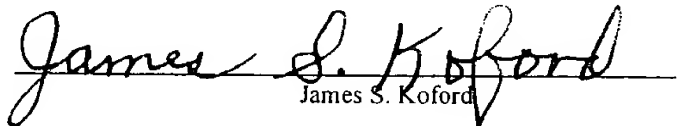
On 31 AUGUST 1998 before me, STEPHEN J. KUCKLINCA personally appeared GARY K. YEAP personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he ~~executed~~ executed the same in his ~~personal~~ authorized capacity, and that by his ~~personal~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



  
SIGNATURE OF NOTARY

Executed this 16 day of September, 1998.

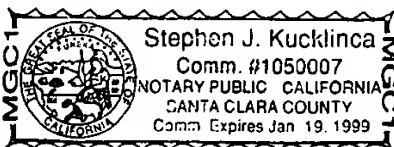
  
James S. Koford

State of CALIFORNIA

County of SANTA CLARA ss.

On 16 SEPTEMBER '98 before me, STEPHEN J. KUCKLINCA personally appeared JAMES S. KOFORD personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he ~~executed~~ executed the same in his ~~personal~~ authorized capacity, and that by his ~~personal~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



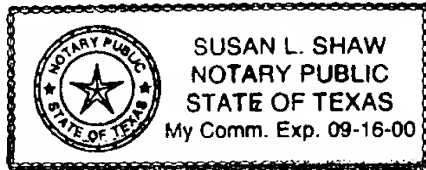
  
SIGNATURE OF NOTARY

Executed this 4 day of September, 1998

Joe Rahmeh  
Joseph T. Rahmeh

State of TEXAS )  
County of Tarrant ) ss.

On 9-4-98 before me, Susan L Shaw personally appeared Joe T. Rahmeh personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

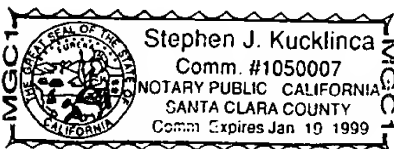
[Signature]  
SIGNATURE OF NOTARY

Executed this 31<sup>st</sup> day of August, 1998.

Lilly Shieh  
Lilly Shieh

State of CALIFORNIA )  
County of SANTA CLARA ) ss.

On 31 AUGUST 1998 before me, STEPHEN J KUCKLINCA personally appeared LILLY SHIEH personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he ~~she~~ executed the same in his ~~her~~ authorized capacity ~~ies~~ and that by his ~~her~~ signature ~~s~~ on the instrument the person ~~s~~, or the entity upon behalf of which the person ~~s~~ acted, executed the instrument.



WITNESS my hand and official seal.

Stephen J Kucklinca  
SIGNATURE OF NOTARY

Executed this 1<sup>st</sup> day of September, 1998

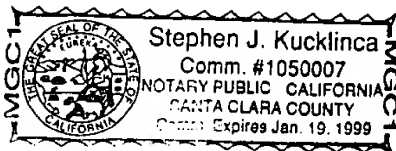
S. R. Rajc

Salil R. Rajc

State of CALIFORNIA

County of SANTA CLARA ss.

On 1 SEPTEMBER 1998, before me, STEPHEN J. KUCKLINCA personally appeared SALIL R. RAJE personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose~~ whose name ~~is~~ subscribed to the within instrument and acknowledged to me that he ~~had~~ executed the same in his ~~own~~ authorized capacity ~~and~~, and that by his ~~own~~ signature on the instrument the person ~~or~~ or the entity upon behalf of which the person ~~acted~~, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 1 day of September, 1998

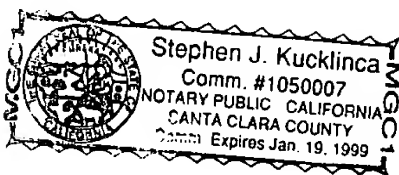
Sam Jung Kim

Sam Jung Kim

State of CALIFORNIA

County of SANTA CLARA ss.

On 1 SEPTEMBER 1998, before me, STEPHEN J. KUCKLINCA personally appeared SAM JUNG KIM personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose~~ whose name ~~is~~ subscribed to the within instrument and acknowledged to me that he ~~had~~ executed the same in his ~~own~~ authorized capacity ~~and~~, and that by his ~~own~~ signature on the instrument the person ~~or~~ or the entity upon behalf of which the person ~~acted~~, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

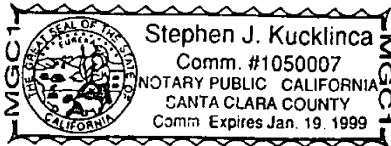
Executed this 1 day of September, 1998

Satyamurthy Pillela  
Satyamurthy Pillela

State of CALIFORNIA

County of SANTA CLARA ss.

On 1 SEPTEMBER 1998 before me, STEPHEN J. KUCKLINCA personally appeared SATYAMURTHY PILLELA personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Stephen J. Kucklinca  
SIGNATURE OF NOTARY

Executed this 25 day of September, 1998

Yau-Tsun Steven Li

Room 2204, 22nd Floor,  
Admiralty Centre, Tower 1,  
State of Hong Kong SAR, ss.  
County of Hong Kong SAR.

Yau-Tsun Steven Li  
(holder of Hong Kong Identity Card No. H377152(2))

On 25th September 1998 before me, Anna Chow Suk Han personally appeared Yau-Tsun Steven LI personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

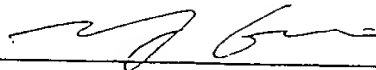
Anna Chow Suk Han  
SIGNATURE OF NOTARY  
ANNA CHOW SUK HAN  
Notary Public, Hong Kong SAR



This is the exhibit marked A referred to in the Declaration of Li, Yau-Tsun Steven declared before me on 25 SEP 1998  
TSANG KIN LING  
LAU SO WAI LING  
Commissioner for Oaths



Executed this 1 day of September, 1998.

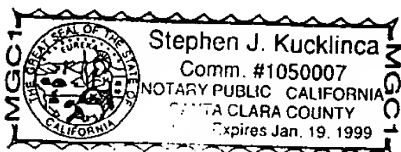


Tong Gao

State of CALIFORNIA.

County of SANTA CLARA. ) ss.

On 1 SEPTEMBER 1998 before me, STEPHEN J. KUCKLINCA personally appeared TONG GAO personally known to me or proved to me on the basis of satisfactory evidence to be the person ~~whose name is~~ subscribed to the within instrument and acknowledged to me that he ~~executed~~ executed the same in his ~~authorized~~ authorized capacity ~~and that by his signature on the instrument the person~~, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

  
SIGNATURE OF NOTARY



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

OCTOBER 03, 2000

PTAS

FERNANDEZ & ASSOCIATES, LLP  
DENNIS S. FERNANDEZ, ESQ.  
PATENT ATTORNEYS  
P.O. BOX D  
MENLO PARK, CA 94026-6204



\*101437229A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/03/2000

REEL/FRAME: 010998/0400  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RAJE, SALIL R.

DOC DATE: 08/02/2000

ASSIGNOR:

PILEGGI, LAWRENCE T.

DOC DATE: 07/21/2000

ASSIGNOR:

GAITONDE, DINESH D.

DOC DATE: 08/02/2000

ASSIGNOR:

COUDERT, OLIVIER R.

DOC DATE: 08/02/2000

ASSIGNOR:

GOPALAKRISHNAN, PADMINI

DOC DATE: 08/02/2000

ASSIGNOR:

KREITER, JACKSON

DOC DATE: 08/02/2000

DOCKETED  
DATE: 10/10/2000

REC'D OCT 10 2000

ASSIGNEE:

MONTEREY DESIGN SYSTEMS, INC.  
894 ROSS DRIVE, SUITE 200  
SUNNYVALE, CALIFORNIA 94089-1443

SERIAL NUMBER: 09632494

PATENT NUMBER:

FILING DATE: 08/03/2000

ISSUE DATE:

JOANN STEWART, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

08-18-2000

**RECORDATION C**

Docket No.: MDS-P007

**MENT**

101437229

The Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Please record the attached original documents or copy thereof.

8.3.00

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## 1. Name of conveying party:

Inventor (s): **Salil R. Raje**  
**Lawrence T. Pileggi**  
**Dinesh D. Gaitonde**  
**Olivier R. Coudert**  
**Padmini Gopalakrishnan**  
**Jackson David Kreiter**

## Execution Date:

8/2/00  
7/21/00  
8/2/00  
8/2/00  
8/2/00  
8/2/00

Serial No: (Not yet assigned)

Filed: 8/3/00

Group Art Unit: (Not yet assigned)

Examiner: (Not yet assigned)

## 2. Name and Address of

Receiving party: **Monterey Design Systems, Inc.**  
**894 Ross Drive, Suite 200**  
**Sunnyvale, CA 94089-1443**

## 3. Nature of Conveyance: Assignment

## 4. Patent Application(s) / Patent Number(s): (not yet assigned)

New Patent Application Entitled:

**Method and Apparatus for Generating Sign-Off Prototypes for the Design and Fabrication of Integrated Circuits**

09/632494

## 5. Name and address of party to whom correspondences concerning document should be mailed:

Name: **DENNIS S. FERNANDEZ, ESQ.**

Address: **FERNANDEZ & ASSOCIATES, LLP**  
**PATENT ATTORNEYS**  
**PO BOX D**  
**MENLO PARK, CA 94026-6204**

PHONE: (650) 325-4999 FAX: (650) 325-1203

EMAIL: [iploft@iploft.com](mailto:iploft@iploft.com)

## 6. Total Number of applications and patents involved: ONE

## 7. Fee Calculation

Assignment Recordation Fee \$40.00

Total Fees (37 CFR 3.41): \$40.00 X Enclosed       Authorized to be charged to Deposit Account

## 8. Deposit Account Number:

In case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to Deposit Account No: **500482**. A duplicate copy of this authorization is enclosed.

## 9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**DENNIS S. FERNANDEZ, ESQ.**

Reg. No. 34,160

Date

8/3/00

08/14/2000 JHRSHEING 00000183 000482 09/632494 04 FC:581

JC490 U.S. PTO  
09/632494  
08/03/00

**ASSIGNMENT**

Whereas, We, **Salil R. Raje, Lawrence T. Pileggi, Dinesh D. Gaitonde, Olivier R. Coudert, Padmini Gopalakrishnan, and Jackson David Kreiter**, having agreed to assign the below identified invention to **MONTEREY DESIGN SYSTEMS, INC.** ("MONTEREY DESIGN"), a Delaware corporation having its principal place of business at **894 ROSS DRIVE, SUNNYVALE, CA 94089-1443** for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto **MONTEREY DESIGN**, its successors and assigns, the entire right, title, and interest, including the right of priority in, to and under an application for Letters Patents of the United States entitled:

**Method and Apparatus for Generating Sign-Off Prototypes for the Design and Fabrication of Integrated Circuits**

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_, filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of **MONTEREY DESIGN**, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to **MONTEREY DESIGN**, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature: S. R. Raje Date: 08/02/2000  
Salil R. Raje

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Lawrence T. Pileggi

Inventor's Signature: D. D. Gaitonde Date: 08/02/2000  
Dinesh D. Gaitonde

Inventor's Signature: Olivier R. Coudert Date: 08/02/00  
Olivier R. Coudert

Inventor's Signature: Padmini Gopalakrishnan Date: 2 Aug 2000  
Padmini Gopalakrishnan

Inventor's Signature: Jackson David Kreiter Date: 8/2/00  
Jackson David Kreiter

## ASSIGNMENT

Whereas, We, **Salil R. Raje, Lawrence T. Pileggi, Dinesh D. Gaitonde, Olivier R. Coudert, Padmini Gopalakrishnan, and Jackson David Kreiter**, having agreed to assign the below identified invention to **MONTEREY DESIGN SYSTEMS, INC.** ("MONTEREY DESIGN"), a Delware corporation having its principal place of business at **894 ROSS DRIVE, SUITE 200, SUNNYVALE, CA 94089-1443** for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto **MONTEREY DESIGN**, its successors and assigns, the entire right, title, and interest, including the right of priority in, to and under an application for Letters Patents of the United States entitled:


### Method and Apparatus for Generating Sign-Off Prototypes for the Design and Fabrication of Integrated Circuits

  X   filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

\_\_\_\_\_ Serial No.: \_\_\_\_\_, filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of **MONTEREY DESIGN**, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to **MONTEREY DESIGN**, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Salil R. Raje**

Inventor's Signature:  Date: 7/21/00  
**Lawrence T. Pileggi**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Dinesh D. Gaitonde**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Olivier R. Coudert**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Padmini Gopalakrishnan**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Jackson David Kreiter**

## ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Lawrence Pileggi	of	357 Dorseyville Road, Pittsburgh, PA 15215
Majid Sarrafzadeh	of	208 Lawndale, Wilmette, IL 60091
Sharad Malik	of	40 Western Way, Princeton, NJ 08540
Abhijeet Chakraborty	of	710 Durshire Way, Sunnyvale, CA 94087
Archie Li	of	2272 Latham Street, #14, Mountain View, CA 94040
Robert Eugene Shortt	of	1482 Teal Drive, Sunnyvale, CA 94087
Christopher Dunn	of	1030 E. El Camino Real, #431, Sunnyvale, CA 94087
David Gluss	of	600 Old La Honda Road, Woodside, CA 94062
Dennis Yamamoto	of	1397 Montclair Way, Los Altos, CA 94024
Dinesh Gaitonde	of	1063 Morse Avenue, #8-206, Sunnyvale, CA 94089
Douglas B. Boyle	of	385 Calcaterra Place, Palo Alto, CA 94306
Emre Tuncer	of	562 Kendall, #47, Palo Alto, CA 94306
Eric McCaughrin	of	363 - 62nd Street, Oakland, CA 94618
Feroze Peshotan Taraporevala	of	3562 Slopeview Drive, San Jose, CA 95148
Gary K. Yeap	of	3406 Grossmont Drive, San Jose, CA 95132
James S. Koford	of	470 Navaro Way, #116, San Jose, CA 95134
Joseph T. Rahmeh	of	6401 Culpepper Cove, Austin, TX 78730
Lilly Shieh	of	4608 Kings Cove Court, Union City, CA 94087
Salil R. Raje	of	3500 Granada Avenue, #236, Santa Clara, CA 95051
Sam Jung Kim	of	3653 Copperfield Drive, #304, San Jose, CA 95136
Satyamurthy Pullala	of	20800 Homestead Road, #8G, Cupertino, CA 95014
Yau-Tsun Steven Li	of	8D, 10 Cleveland Street, Causeway Bay, Hong Kong
Tong Gao	of	4793 Phebe Avenue, Fremont, CA 94555

hereby sell, assign and transfer to Monterey Design Systems, Inc., a Delaware corporation, having a place of business at 894 Ross Drive, Suite 203, Sunnyvale, California 94089-1443, its successors and assigns, the entire right, title and interest throughout the world in our invention in

### Method For Design Optimization Using Logical And Physical Information

for which we filed a United States Patent Application on June 12, 1998, and now has Serial No. 09/097,299, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we